SEQUENCE LISTING

<110> OOE, Norihasa
       MATSUNAGA, Haruyuki

<120> CELL FOR MEASURING THE ABILITY TO CONTROL THE ACTIVITY
       OF A LIGAND-RESPONSIVE TRANSCRIPTION CONTROL FACTOR

<130> 2185-0424P

<140> 09/550,173
<141> 2000-04-14

<150> JP H11-106791
<151> 1999-04-14

<150> JP H11-106792
<151> 1999-04-14

<150> JP H11-106793
<151> 1999-04-14

<150> JP H11-107774
<151> 1999-04-15

<160> 34

<170> PatentIn Ver. 2.1

<210> 1
<211> 6
<212> DNA
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: consensus
       sequence of a dioxin-responsive sequence

<220>
<221> Unsure
<222> (1)..(1)
<223> n = t or a

<300>
<303> J. Biol. Chem.
<304> 271
<306> 3952-3958
<307> 1996-02-01

<400> 1
ngcgtg   6

<210> 2
<211> 16
<212> DNA
<213> Unknown Organism

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<220>
<223> Description of Unknown Organism: consensus
      sequence of an estrogen-responsive sequence

<220>
<221>  Unsure
<222>  (7)..(9)
<223>  n = a,c,g,t any unknown or other.

<400> 2
aggtcannnt gacctt                                              16


<210> 3
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for PCR
      with human genomic DNA.

<400> 3
ttgagctagg cacgcaaata                                          20


<210> 4
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for PCR
      with human genomic DNA

<400> 4
gctttgattg gcagagcaca                                          20


<210> 5
<211> 51
<212> DNA
<213> mouse

<220>
<223> The sequence is composed of nucleotide sequences
      derived from a nucleotide sequence near the TATA
      box of a mouse metallothionein I gene. The
      sequence is introduced into mouse and human cells.

<400> 5
gatctcgact ataaagaggg caggctgtcc tcaagcgtca ccacgacttc a        51


<210> 6
<211> 52
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<212> DNA
<213> mouse

<220>
<223> The sequence is composed of nucleotide sequences
      derived from a nucleotide sequence near the TATA
      box of a mouse metallothionein I gene. The
      sequence is introduced into mouse and human cells.

<400> 6
agcttgaagt cgtggtgacg cttagaggac agcctgccct ctttatagtc ga   52

<210> 7
<211> 33
<212> DNA
<213> Xenopus

<220>
<223> The sequence is located at the upstream of a
      Xenopus-derived vitellogenin gene containing a
      recognition sequence of an estrogen receptor. The
      sequence is introduced into mouse and human cells.

<400> 7
tcgacaaagt caggtcacag tgacctgatc aag   33

<210> 8
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for PCR
      with pTK beta

<400> 8
cggcagatct tctttagttc tatgatgaca c   31

<210> 9
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for PCR
      with pTK beta

<400> 9
cggaagcttg atctgcggca cgctgttga   29

<210> 10
<211> 35
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for PCR
with human cDNA

<400> 10
cctgcgggga cacggtctgc accctgcccg cggcc   35

<210> 11
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for PCR
with human cDNA

<400> 11
cagggagctc tcagactgtg gcagggaaac cctct   35

<210> 12
<211> 40
<212> DNA
<213> Artificial Sequence   .

<220>
<223> Description of Artificial Sequence:primer for
adding Kozak consensus sequence to human cDNA

<400> 12
cccagccacc atgaccatga ccctccacac caaagcatct   40

<210> 13
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for
adding Kozak consensus sequence to human cDNA

<400> 13
cagggagctc tcagactgtg gcagggaaac cctct   35

<210> 14
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for PCR
with human cDNA

<400> 14
ttgagttact gagtccgatg aatgtgcttg ctctg   35

<210> 15
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for PCR
     with human cDNA

<400> 15
aaatgaggga ccacacagca gaaagatgaa gccca   35

<210> 16
<211> 55
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for
     adding Kozak consensus sequence to human cDNA

<400> 16
gccgcggccg cccagccacc atggatataa aaaactcacc atctagcctt aattc   55

<210> 17
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for
     adding Kozak consensus sequence to human cDNA

<400> 17
gggtctagaa atgagggacc acacagcaga aagatgaagc cca   43

<210> 18
<211> 52
<212> DNA
<213> mouse

<220>
<223> The sequence is derived from a nucleotide sequence
     near the TATA box of a mouse metallothionein I
     gene. The sequence is used for human cells. The
     sequence is introduced into human cells.

<400> 18
gatctcgact ataaagaggg caggctgtcc tctaagcgtc accacgactt ca   52

5

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<210> 19
<211> 52
<212> DNA
<213> mouse

<220>
<223> The sequence is derived from a nucleotide sequence
      near the TATA box of a mouse metallothionein I
      gene. The sequence is used for human cells. The
      sequence is introduced into human cells.

<400> 19
agcttgaagt cgtggtgacg cttagaggac agcctgccct ctttatagtc ga          52


<210> 20
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for PCR
      with human cDNA

<400> 20
gaggcggggt aagggaagta ggtggaagat tcagc                             35


<210> 21
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for PCR
      with human cDNA

<400> 21
gggtggggaa atagggtttc caatgcttca ctggg                             35


<210> 22
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for
      adding Kozak consensus sequence to human cDNA

<400> 22
cccagccacc atggaagtgc agttagggct gggaagggtc                        40


<210> 23
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6

<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for
    adding Kozak consensus sequence to human cDNA

<400> 23
gggtgggggaa atagggtttc caatgcttca ctggg   35

<210> 24
<211> 38
<212> DNA
<213> mammal

<220>
<223> The sequence is containing a recognition sequence
    (TRE) of a thyroid receptor. The sequence is
    introduced into human cells.

<400> 24
caaggggatc cagcttgacc tgacgtcagg tcaagtcg   38

<210> 25
<211> 52
<212> DNA
<213> mouse

<220>
<223> The sequence is derived from a nucleotide sequence
    near the TATA box of a mouse metallothionein I
    gene. The sequence is introduced into human cells.

<400> 25
gatctcgact ataaagaggg caggctgtcc tctaagcgtc accacgactt ca   52

<210> 26
<211> 52
<212> DNA
<213> mouse

<220>
<223> The sequence is derived from a nucleotide sequence
    near the TATA box of a mouse metallothionein I
    gene. The sequence is introduced into human cells.

<400> 26
agcttgaagt cgtggtgacg cttagaggac agcctgccct ctttatagtc ga   52

<210> 27
<211> 37
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for PCR
with human cDNA

<400> 27
tggaattgaa gtgaatggaa cagaagccaa gcaaggt   37

<210> 28
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for PCR
with human cDNA

<400> 28
tggccgcctg aggctttaga cttcctgatc ctcaa   35

<210> 29
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for
adding Kozak consensus sequence to human cDNA

<400> 29
cccagccacc atggaacaga agccaagcaa ggtggagtgt   40

<210> 30
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for
adding Kozak consensus sequence to human cDNA

<400> 30
tggccgcctg aggctttaga cttcctgatc ctcaa   35

<210> 31
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for PCR
with human cDNA

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<400> 31
ttactaacct ataaccccca acagtatgac agaaa                        35


<210> 32
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for PCR
      with human cDNA

<400> 32
cagtctaatc ctcgaacact tccaggaaca aaggg                         35


<210> 33
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for
      adding Kozak consensus sequence to human cDNA

<400> 33
cccagccacc atgacagaaa atggccttac agcttgggac                    40


<210> 34
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primer for
      adding Kozak consensus sequence to human cDNA

<400> 34
cagtctaatc ctcgaacact tccaggaaca aaggg                         35
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